



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4708-9
Job Sheet 164414



Part No: D4708-9

Job Qty: 6 ea

Part Name: Lanyard



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 9/30/17

Job Tracking No:

Due Date: 10/31/17

Created By: Mario Poulin

Type: Stock

Description:

Note: DWG REV C IPP REV:A 12.09.10 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Due Date	Standard		Workcenter/Supplier	
				Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time
110	Purchasing	6 pcs	10/31/17	0.00	0.00	Purchasing	
120	Packaging	6 pcs	10/31/17	0.00	0.00	Packaging2	
130	QC	6 pcs	10/31/17	0.00	0.00	QC6	
140	Packaging	6 pcs	10/31/17	0.00	0.00	Packaging3	
150	QC21-SA	6 Ea	10/31/17	0.00	0.00	QC21	

Part Op
Descriptions: 110 - Issue P/O: _____

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
110-Purchasing	D4708-9P	6	0	0	0

Part Specifications

DART
AEROSPACE
S001856



Lanyard

Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

e.marie

PART NO: D4708-9
Revision:
Operation: Purchasing
Quantity: 15
Change No:

Mfg Date: 10/24/17
Job No: 164414

Work Order ID 164414***164414***

Page 1

Wednesday, July 19, 2017 10:29:32 AM

Item ID: D4708-9

Revision ID:

Item Name: Lanyard

Start Date: 7/19/2017

Start Qty: 6.00

Required Date: 7/28/2017

Req'd Qty: 6.00

Reference:

Accept

N9000040100

Setup Start

NS1

Stop

NS2

Cust Item ID:

Customer:

15
DAS
13
9-89*R*
R

JUL 19 2017

Approvals:

Process Plan:

DAS
21
9-89

Date: JUL 19 2017

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

NR1

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D4708

C

110

0.00

110

Purchasing

Purchasing

Memo

Issue P/O:

Manufacture as per dwg

Possible supplier: LEXCO CABLE MFG INC.

Material release note is required.

0.00

15

JUL 20 2017

DAS
13
9-89

120

Receive & Inspect for Damage & Mat'l Certs

0.00

120

Packaging

Packaging

Memo

0.12

15x 8/12-10-23

130

QC6- All purchased or subcontracted products

0.00

130

QC

Quality Control

Memo

0.00

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
OTHER : ☐									

Page 2

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Wednesday, July 19, 2017 10:29:35 AM

Page 1

Work Order ID: 164414

164414

Parent Item: D4708-9

D4708-9

Parent Item Name: Lanyard

Start Date: 7/19/2017

Required Date: 7/28/2017

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP REV:A 12.09.10 NEW ISSUE DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4708-9P *D4708-9P* Lanyard		Purchased	No			110	Each	0.0000	1				
										**	6/15/17 8/17/17-10-23		

DQA: _____ Date: _____



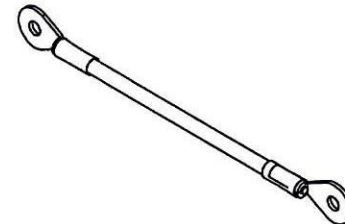
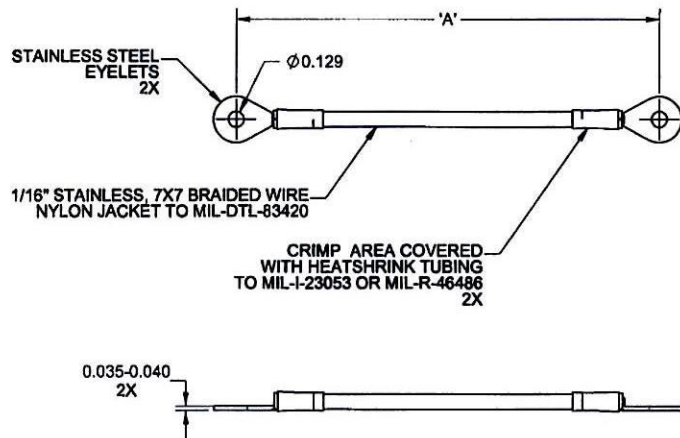
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER :							
Misidentified ☐	☐ Past Due								

SPECIFICATION CONTROL DRAWING



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 164419 MJS
170719

D4708-X LANYARD

DART P/N	DIM 'A' (±0.06)
D4708-1	3.5
D4708-3	5.0
D4708-5	8.0
D4708-7	10.0
D4708-9	12.0
D4708-11	5.75
D4708-13	3.0



RELEASED

2017 JUN 22
Ecn 17-592

NOTES:

- 1) MATERIAL: AS INDICATED
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4708-X" AND B/N "BXXXXX" PER QSI 044 6.7
- 7) WEIGHT: N/A
- 8) RECOMMENDED SUPPLIER: LEXCO CABLE MFG INC.

C	ADDED -13	VS	17.05.31
B	ADDED -11	VS	17.02.02
A	NEW ISSUE	RP	12.09.19
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE USA, INC. EUGENE, OR	
DRAWN	VS		
CHECKED	WK	DRAWING NO.	REV. C
MFG. APPR.	DD	D4708	SHEET 1 OF 1
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	LANYARD	NTS
DATE	17.05.31	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

APPROVED

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

LEXCO CABLE MFG & DISTRIBUTORS, INC.
7320 WEST AGATITE AVE
NORRIDGE, IL 60706
T 800-626-6556 F 773-478-4584
(773) 588-8890



PICKED BY

PACKED BY

SHIPPED BY

[Signature]
[Signature]
[Signature]

PACKING LIST

ORDER DATE: 9/28/2017
SALESPERSON: JM

ORDER NUMBER: 0238584
CUSTOMER NUMBER: 01-0011993

SOLD TO:
DART AEROSPACE LTD
1270 Aberdeen Street
Hawkesbury, Ontario Canada
K6A 1K7
Canada

SHIP TO:

DART AEROSPACE LTD
1270 Aberdeen Street
Hawkesbury, Ontario Canada
K6A 1K7
Canada

PHONE #: 613-632-5200

SHIP TO PHONE #:

DATE SHIPPED: 10/6

CUST. P.O.	SHIP VIA	ACCT	F.O.B.	TERMS
PO37156	FEDEX GROUND	151793240	COLLECT	NET 30

QTY	U/M	SHIP	B/O	ITEM #	DESCRIPTION	PRICE
15	EA	15	0	D4708-9P	Cable Assy 12"	4.1700
1	EA	1	0	COC	COC w/ origin required	0.0000

SHIP 10/10/17

[Handwritten signature] 10-23

ENTERED BY *JD*

FORM QOP-03-01-01F
REV 061900

FREIGHT

CHARGES

SALES TAX

TOTAL

[Faint stamp: PACKING LIST]



REMIT TO:
LEXCO
7320 W Agatite Ave.
Norridge, IL 60706

Invoice

INVOICE NUMBER: 0336423-IN
INVOICE DATE: 10/10/2017

ISO 9001:2008 CERTIFIED

800-626-6556 Fax 773 478-4584
www.lexcobike.com sales@lexcobike.com
www.lexcocable.com sales@lexcocable.com

ORDER NUMBER: 0238584
ORDER DATE: 9/28/2017
SALESPERSON: JM
CUSTOMER NO: 01-0011993

EMAIL INVOICE

SOLD TO:
DART AEROSPACE LTD
1270 Aberdeen Street
Hawkesbury, Ontario Canada
K6A 1K7
Canada

rpilon@dartaero.com

SHIP TO:
DART AEROSPACE LTD
1270 Aberdeen Street
Hawkesbury, Ontario Canada
K6A 1K7
Canada

CONFIRM TO: ROGER PILON/CHANTAL LAVOIC

CUST. P.O.	SHIP VIA	ACCT	F.O.B.	TERMS			
PO37156	FEDEX GROUND	151793240	COLLECT	NET 30			
ITEM NO.	UNIT	ORDERED	SHIPPED	BACK ORD	BOX #	PRICE	AMOUNT
D4708-9P Cable Assy 12"	EA	15.0000	15.0000	0.0000		4.1700	62.55
COC COC w/ origin required	EA	1.0000	1.0000	0.0000		0.0000	0.00

MELT - UNITED KINGDOM
STRANDED AND CLOSED IN USA
EYELET - USA

SPN-10-23

Net Invoice: 62.55
Less Discount: 0.00
Freight: 0.00
Sales Tax: 0.00
Invoice Total: 62.55



7320 W. AGATITE
NORRIDGE, IL 60706
773-588-8890 FAX 773-478-4584
TOLL FREE 1-800-626-6556
E-MAIL: enid@lexcocable.com
www.lexcocable.com

12 Oct 2017

CERTIFICATE OF CONFORMANCE

COMPANY NAME: Dart Aerospace LTD
PHONE NO: 613-632-5200
P.O. NO: PO37156
DATE: 10/9/17

ITEM NO/PN	QTY EA/FT	DESCRIPTION
D4708-9P	15 ea	Cable Assembly 12"
M83420/4-010	A/R	CBL/N 1/16 7x7 SS 1/8 NYLON Lot #: 45414 Melt Country of Origin: United Kingdom Stranded & Closed in the USA
2091-02	30 ea	Eyelet 1/16-3/64 SS .129 Pinhole Lot #: 42527 Country of Origin: USA
PVCHS000187BLK	A/R	Heat Shrink 3/16" ID BLK PVC Lot #: 39690 Country of Origin: USA

WE HEREBY CERTIFY THAT THE ABOVE HAVE BEEN TESTED IN ACCORDANCE WITH,
AND HAVE BEEN FOUND TO MEET, THE APPLICABLE REQUIREMENTS FOR THE
MATERIAL INCLUDING ANY SPECIFICATIONS FORMING A PART OF THE DESCRIPTION.

THANK YOU

BY :

Enid Herrmann

ENID HERRMANN
ISO/PROCESS MANAGER

SH